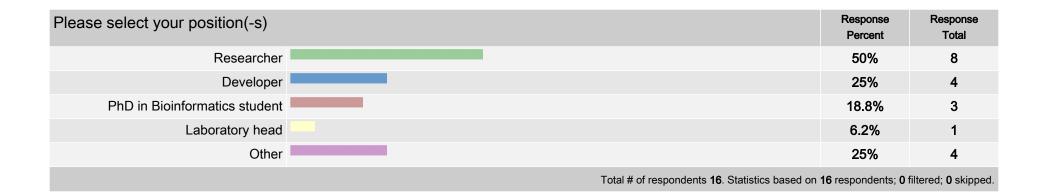
Workflow discovery exercise

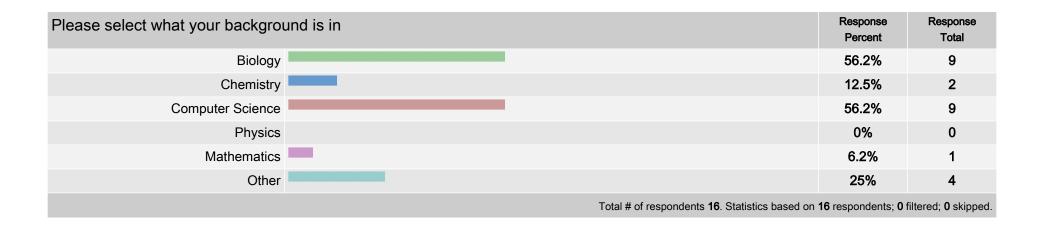
Your background

| Name | Response Percent | Response Total |
|------|--|-----------------------------|
| | | 16 |
| | Total # of respondents 16. Statistics based on 16 respondents; 0 | filtered; 0 skipped. |

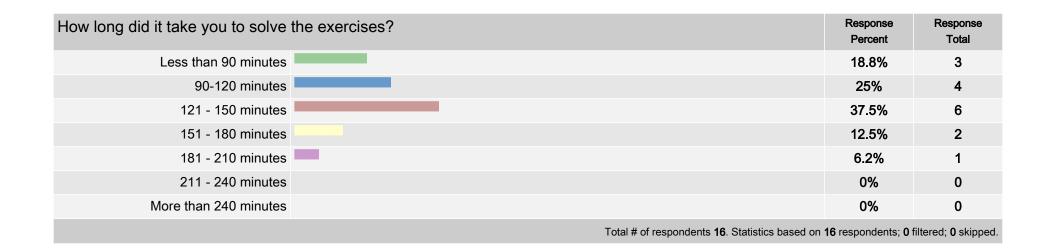
| Institute | Response Percent | Response Total |
|---|-------------------------|-----------------------------|
| | | 16 |
| Total # of respondents 16. Statistics bas | ed on 16 respondents; 0 | filtered; 0 skipped. |

| Email address | Response Percent | Response Total |
|---------------|--|-----------------------------|
| | | 16 |
| | Total # of respondents 16. Statistics based on 16 respondents; 0 | filtered; 0 skipped. |





Exercise feedback



| Did you find the workflow diagrams readable? | Response Percent | Response Total |
|--|--|-----------------------------|
| Yes | 87.5% | 14 |
| Not always, especially: | 12.5% | 2 |
| | Total # of respondents 16. Statistics based on 16 respondents; 0 | filtered; 0 skipped. |

| Could the diagram contents or layout be improved to help discovery or editing? | Response Percent | Response Total |
|--|---------------------|-----------------------------|
| | | 11 |
| Total # of respondents 16. Statistics based on | 11 respondents; 0 | filtered; 5 skipped. |

Please indicate below the order in which you solved an exercise by assigning a number to a step (e.g. "1" to "I read the task description"). Not all steps will be relevant. If you did extra steps, please write them down under the next question.

| | 1 | 2 | 3 | 4 | 5 | Response Total |
|--|--------------|---------------|--------------|--------------|------------|-------------------|
| * I looked what "my" workflow (i.e. the one to be adapted) did. | 21.4% (3) | 78.6% (11) | 0% (0) | 0% (0) | 0% (0) | 14 |
| * I read the task description. | 100% (13) | 0% (0) | 0% (0) | 0% (0) | 0% (0) | 13 |
| * I decided on the relevance of one candidate workflow and then edited it accordingly immediately after this. I then did the same for the other candidate workflows. | 0% (0) | 50% (1) | 50% (1) | 0% (0) | 0% (0) | 2 |
| * I decided on the relevance of all candidate workflows in one step. | 0% (0) | 25% (2) | 62.5% (5) | 12.5% (1) | 0% (0) | 8 |
| * I edited those candidate workflows I had marked as relevant. | 0% (0) | 0% (0) | 33.3% (3) | 66.7% (6) | 0% (0) | 9 |
| * I started completing the feedback form as soon as I finished one candidate workflow. | 0% (0) | 0% (0) | 0% (0) | 20% (1) | 80% (4) | 5 |
| * I completed the feedback form after all the discovery and editing work. | 0% (0) | 10% (1) | 10% (1) | 60% (6) | 20% (2) | 10 |
| * I scanned all candidate workflows first for relevance, and then did the editing in a separate step. | 0% (0) | 12.5% (1) | 75% (6) | 12.5% (1) | 0% (0) | 8 |

Total # of respondents 16. Statistics based on 16 respondents; 0 filtered; 0 skipped.

| Please describe any additional s | teps you may have done. | Response Percent | Response Total |
|----------------------------------|-------------------------|---------------------|-------------------|
| | | | 6 |

Please indicate which of the below information sources you used, and how much, to decide whether a workflow was relevant or not (step A) in case all descriptions were available.

| | Always 1. | 2. | Often 3. | 4. | Sometimes 5. | 6. | Rarely 7. | Response Total |
|----------------------------------|---------------|--------------|--------------|-------------|--------------|--------------|--------------|-------------------|
| the diagram | 81.2% (13) | 0% (0) | 12.5% (2) | 0% (0) | 0% (0) | 6.2% (1) | 0% (0) | 16 |
| the workflow name | 6.2% (1) | 0% (0) | 31.2% (5) | 0% (0) | 18.8% (3) | 0% (0) | 43.8% (7) | 16 |
| the overall workflow description | 20% (3) | 6.7% (1) | 40% (6) | 0% (0) | 6.7% (1) | 6.7% (1) | 20% (3) | 15 |
| the workflow input descriptions | 25% (4) | 12.5% (2) | 37.5% (6) | 6.2% (1) | 18.8% (3) | 0% (0) | 0% (0) | 16 |
| the workflow output descriptions | 25% (4) | 12.5% (2) | 37.5% (6) | 6.2% (1) | 18.8% (3) | 0% (0) | 0% (0) | 16 |
| the service descriptions | 25% (4) | 0% (0) | 43.8% (7) | 6.2% (1) | 6.2% (1) | 18.8% (3) | 0% (0) | 16 |

Total # of respondents 16. Statistics based on 16 respondents; 0 filtered; 0 skipped.

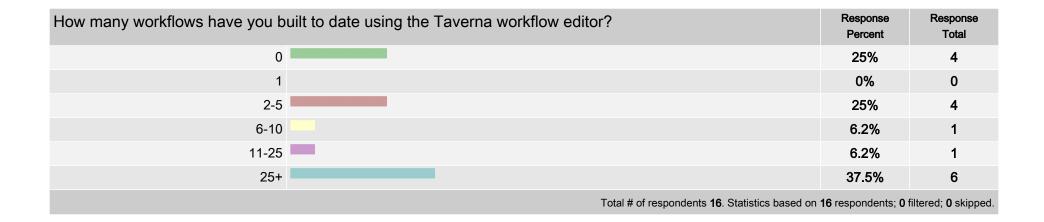
Please indicate which of the below information sources you used, and how much, to decide how to edit a workflow (step B), in case all descriptions were available.

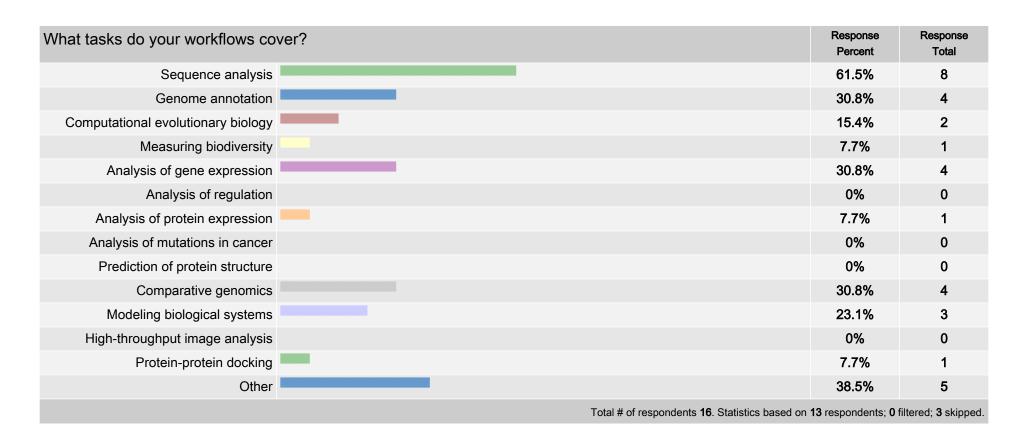
| | Always 1. | 2. | Often 3. | 4. | Sometimes 5. | 6. | Rarely 7. | Response Total |
|----------------------------------|---------------|--------------|--------------|--------------|--------------|-------------|---------------|-------------------|
| the diagram | 81.2% (13) | 0% (0) | 6.2% (1) | 0% (0) | 0% (0) | 6.2% (1) | 6.2% (1) | 16 |
| the workflow name | 0% (0) | 6.2% (1) | 18.8% (3) | 0% (0) | 6.2% (1) | 0% (0) | 68.8% (11) | 16 |
| the overall workflow description | 6.2% (1) | 12.5% (2) | 25% (4) | 0% (0) | 12.5% (2) | 6.2% (1) | 37.5% (6) | 16 |
| the workflow input descriptions | 50% (8) | 6.2% (1) | 18.8% (3) | 6.2% (1) | 12.5% (2) | 6.2% (1) | 0% (0) | 16 |
| the workflow output descriptions | 50% (8) | 6.2% (1) | 18.8% (3) | 6.2% (1) | 12.5% (2) | 6.2% (1) | 0% (0) | 16 |
| the service descriptions | 43.8% (7) | 12.5% (2) | 12.5% (2) | 18.8% (3) | 6.2% (1) | 6.2% (1) | 0% (0) | 16 |

Total # of respondents 16. Statistics based on 16 respondents; 0 filtered; 0 skipped.

| Finally, if you have any other fee | dback to give us, let us know here. | Response Percent | Response Total |
|------------------------------------|-------------------------------------|---|--------------------|
| | | | 4 |
| | Total # of respondent | s 16 Statistics based on 4 respondents: 0 fil | Itered: 12 skinned |

Workflow experience



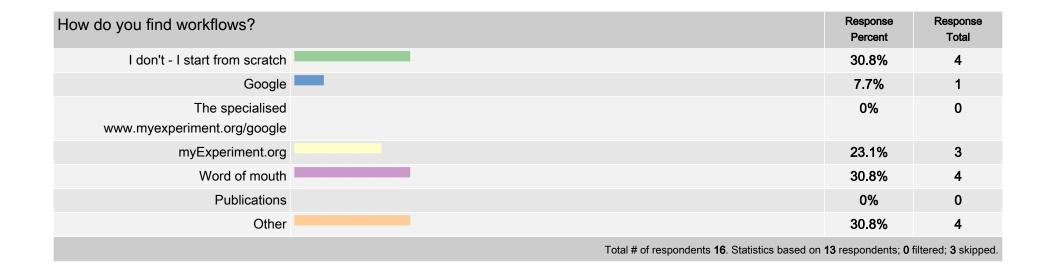


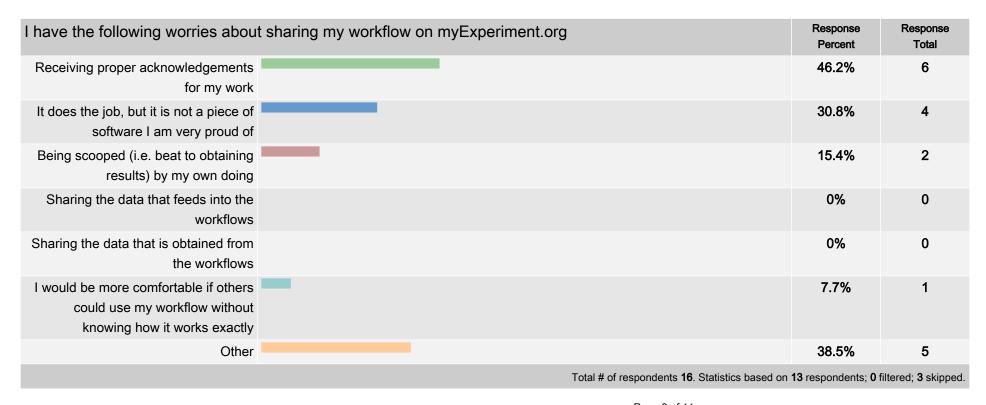
| What tasks would you like to be not currently exist? | able to solve, given that appropriate sources and tools existed, that may | Response Percent | Response Total |
|--|---|---------------------|----------------------|
| | | | 8 |
| | Total # of respondents 16. Statistics based o | n 8 respondents; 0 | filtered; 8 skipped. |

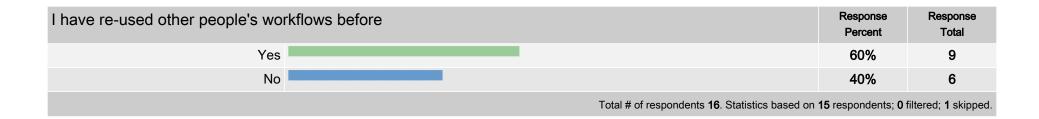
| How many services does your largest workflow count? | Response Percent | Response Total |
|---|---------------------|-----------------------------|
| 2-5 | 16.7% | 2 |
| 6-10 | 41.7% | 5 |
| 11-25 | 33.3% | 4 |
| 25+ | 8.3% | 1 |
| Total # of respondents 16. Statistics based on | 12 respondents; 0 | filtered; 4 skipped. |

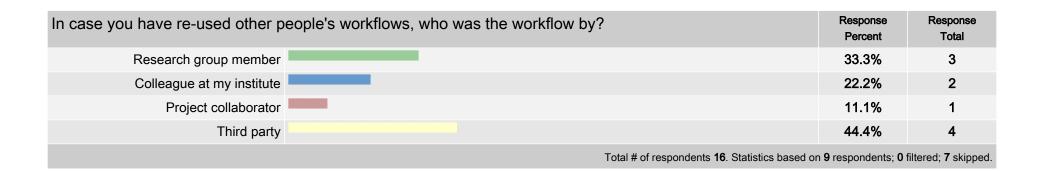
| How many people did you work w | rith (or had to contact) to build your most complex workflow? | Response Percent | Response Total |
|--------------------------------|---|---------------------|----------------------|
| 0 | | 38.5% | 5 |
| 1 | | 15.4% | 2 |
| 2-5 | | 38.5% | 5 |
| 6-10 | | 7.7% | 1 |
| 11-25 | | 0% | 0 |
| 25+ | | 0% | 0 |
| | Total # of respondents 16. Statistics based on 1 | 3 respondents; 0 t | filtered; 3 skipped. |

Workflow sharing and re-use









| Please rate to what extent the follow | | 1-1- 7 | | | | | | |
|---|--------|--------|-------|-------|-----------|-------|--------|----------|
| | Always | | Often | | Sometimes | | Rarely | Response |
| | 1. | 2. | 3. | 4. | 5. | 6. | 7. | Total |
| I believe there are not enough workflows | 0% | 8.3% | 41.7% | 0% | 0% | 25% | 25% | 12 |
| around, so I don't look | (0) | (1) | (5) | (0) | (0) | (3) | (3) | |
| There are no effective search tools to find | 30.8% | 15.4% | 15.4% | 23.1% | 7.7% | 7.7% | 0% | 13 |
| relevant workflows | (4) | (2) | (2) | (3) | (1) | (1) | (0) | |
| I have no way of knowing whether to trust | 25% | 16.7% | 16.7% | 8.3% | 16.7% | 16.7% | 0% | 12 |
| the performed analysis | (3) | (2) | (2) | (1) | (2) | (2) | (0) | |
| I do not have enough documentation to | 28.6% | 0% | 35.7% | 21.4% | 14.3% | 0% | 0% | 14 |
| understand the workflow | (4) | (0) | (5) | (3) | (2) | (0) | (0) | |
| Some services used are local to the | 8.3% | 0% | 33.3% | 16.7% | 25% | 0% | 16.7% | 12 |
| author, so not re-usable | (1) | (0) | (4) | (2) | (3) | (0) | (2) | |
| Some services used are down | 28.6% | 28.6% | 7.1% | 28.6% | 7.1% | 0% | 0% | 14 |
| | (4) | (4) | (1) | (4) | (1) | (0) | (0) | |